

SPCWorks Reporting Capabilities

Intuitive and Easy to Use Quality Reports

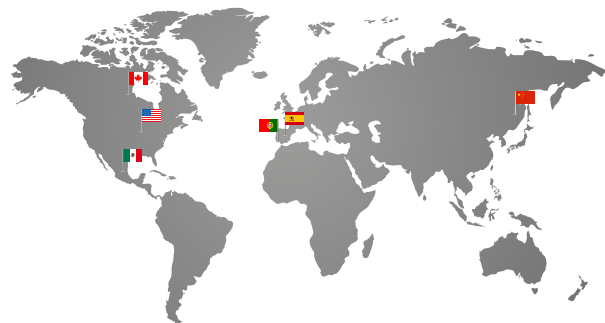
SPCWorks automatically collects and reports dimensional data instantly from various measurement systems (CMMs, 3D vision systems, data collectors, PLCs, etc.) and generates a variety of process statistics reports.

Contact Bluewrist Today!

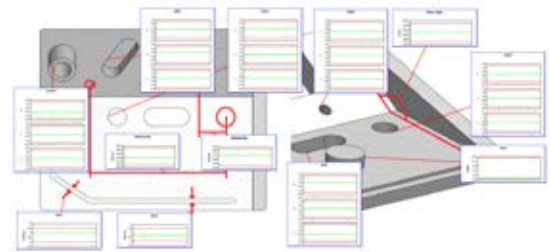
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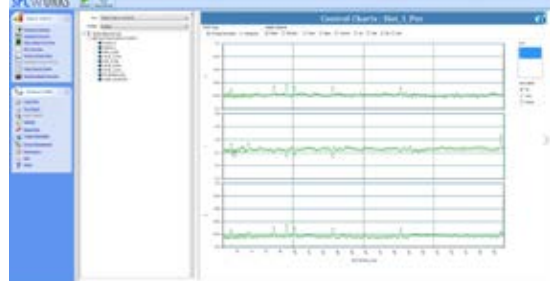
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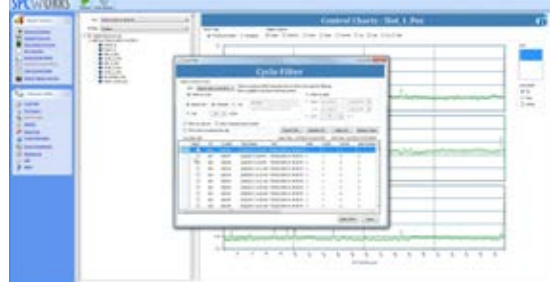
Graphical Overview - trends and variances of dimensional features on parts



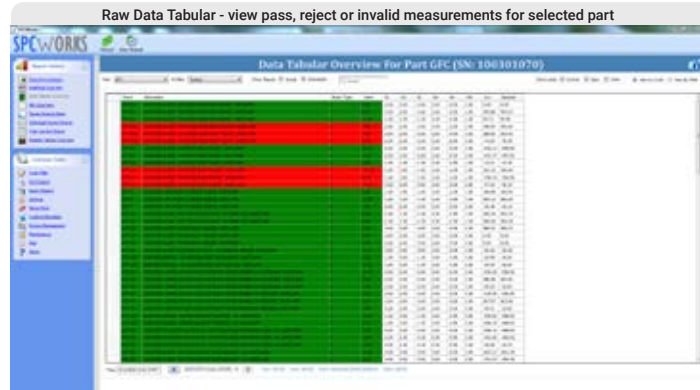
Trend Charts - overview of entire manufacturing process



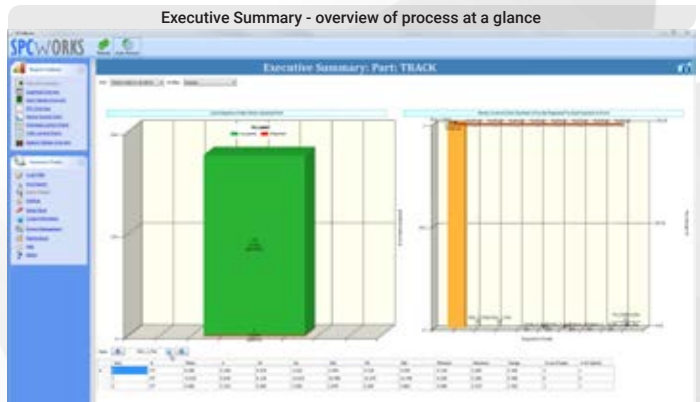
Cycle Filters - see the trends and variances at a user-defined time frame



Raw Data Tabular - view pass, reject or invalid measurements for selected part



Executive Summary - overview of process at a glance



SPCWORKS

REAL-TIME
QUALITY CONTROL



Inline Real-Time Dimensional Data Analysis and Reporting From BLUEWRIST

SPCWorks is an inline dimensional data control and reporting software application. It is often used by production or quality teams to monitor and access the manufacturing process stability for defect prediction and prevention.

Working with real-time quality data allows manufacturers to optimize processes on-the-fly for maximum productivity and throughput. SPCWorks enables a new era of manufacturing intelligence and analytics for intelligent, faster, and data-driven decision-making on the shop floor.

SPCWorks Access Point (AP)

- Modern, high-performance, scalable, and feature-rich system for use across multiple locations and organizational functions
- Captures and analyzes critical quality information in one click
- Each licensed user has complete access to all SPCWorks features
- Collects and reports dimensional data instantly from various measurement systems, such as CMMs, 3D vision systems, data collectors, and PLCs
- Ability to view, print, and generate custom reports

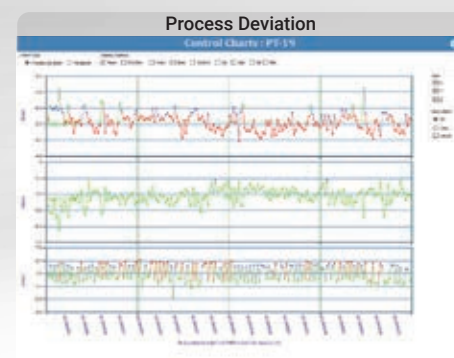
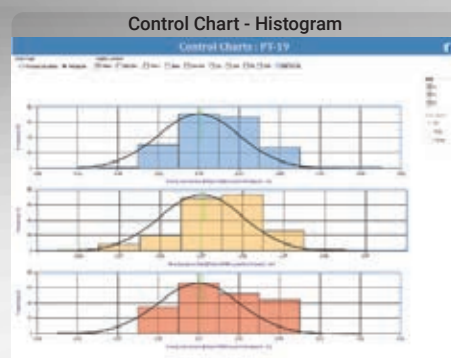
SPCWorks Licensing Options

SPCWorks AP Licensing

- Installation & Support
- SPCWorks Data Correlator
- 1 CMM Parsing Driver
- SPCWorks Training
- Full feature & reporting access

SPCWorksWeb Licensing

- Installation & Support
- Server appliance with data storage
- SPCWorks Data Correlator
- 1 CMM Parsing Driver
- Remote Training
- 1 Year subscription
- Up to 10 web users



Real-Time Quality Control with SPCWorks

Predictive Analytics For Defect Prevention

- **Prevent defects at the source** - Detects and reports deviations in dimensional variations and takes preventative action to minimize defects.
- **Monitor and analyze trends in the production process** - Statistically analyzes dimensional data for all scanned parts and automatically notifies users of deviations from predetermined tolerances.
- **Real-time quality data to improve traceability** - In-line or near-line deployment to gather real-time quality data for rapid decision-making.
- **Reduce waste with real-time process monitoring** - Automatic adjustment of manufacturing parameters, such as tooling and material usage, based on data feedback.

Flexible Access with SPCWorksWeb

Onsite and Offsite Access

- **Access reports with a standard web browser** - Machine operators and quality engineers can easily monitor manufacturing processes through concise visual reports on their devices.
- **Offsite remote access** - Multiple users anywhere can access data using web browsers with a unique login.
- **Remote report generation** - Access and print standard reports directly from any web browser for improved resource utilization and operational efficiency.

Data Collection and Reporting For Trend Analysis

SPC Overview

- Process Statistics (Cp, Cpk, Pp, Ppk)
- 3 Sigma Standard Deviation
- Min, Max, Mean

Graphical Overview

- Cycle Measurements
- Positional Data of Features
- Trend Charts
- CAD model visualization and mapping
- 3D point cloud to CAD overlay

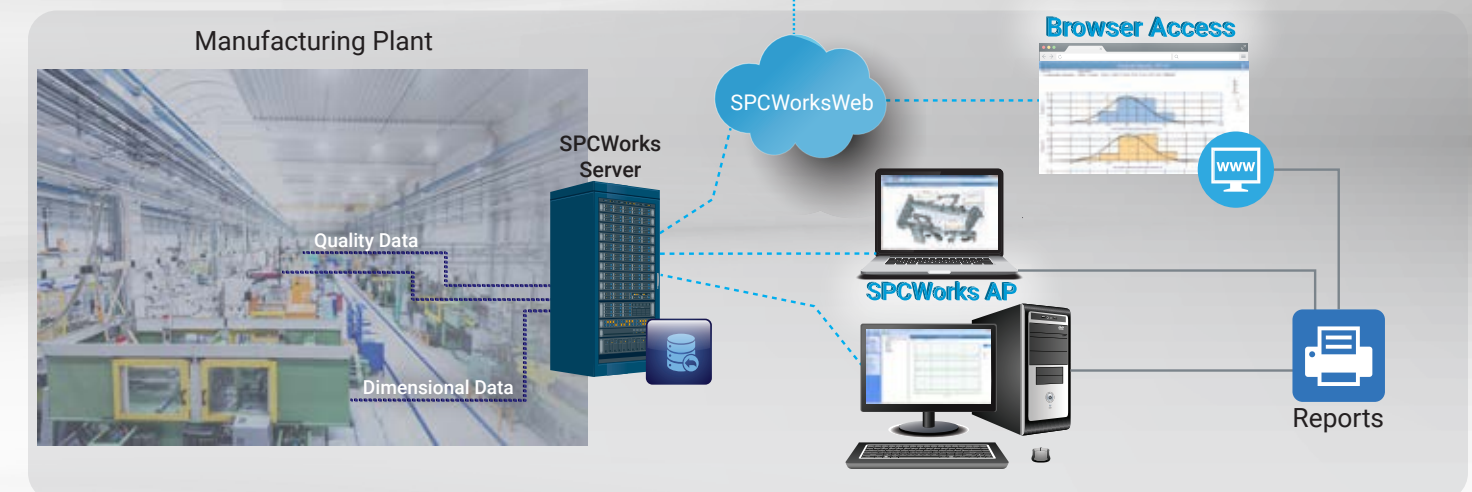
Controls Charts and Histograms

- Pareto Control Charts
- Individual Control Charts
- X-Bar and R Charts

Data Collection

- Automatic Data Collection from Measurement Systems
- Built in Data Correlation
- Various Data Import and Export Capabilities

Remote Site



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